**Indoor LED Panels**

**Graphite**

**Lose Weight – Add Performance**

Building large indoor LED walls while keeping the overall added weight down is now possible with Graphite. Graphite offers a lightweight LED panel without compromising on performance, with a weight of only 17kg per sqm. This sturdy LED panel is ideal for creating indoor LED walls and ceilings.

**Better design, more rigidity.**

New customized PSU, higher integration and narrower.

**Interchangeable modules.**

Only one type of module for all positions on the LED panel.

**17kg/m²**

**Dimensions**

Interchangeable modules. Only one type of module for all positions on the LED panel.

**Better design, more rigidity.**

New customized PSU, higher integration and narrower.

**Specifications**

**Graphite**

<table>
<thead>
<tr>
<th></th>
<th>GP2.6</th>
<th>GP3.1</th>
<th>GP3.9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Pitch</td>
<td>2.604mm</td>
<td>3.125mm</td>
<td>3.91mm</td>
</tr>
<tr>
<td>Panel Weight</td>
<td>8.5kg; 18.74lbs</td>
<td>8.5kg; 18.74lbs</td>
<td>8.5kg; 18.74lbs</td>
</tr>
<tr>
<td>Power Consumption Max / Average</td>
<td>320W / 160W</td>
<td>320W / 160W</td>
<td>320W / 160W</td>
</tr>
<tr>
<td>BTU Max / Average</td>
<td>1100 / 500</td>
<td>1100 / 500</td>
<td>1100 / 500</td>
</tr>
<tr>
<td>Transparency</td>
<td>Solid</td>
<td>Solid</td>
<td>Solid</td>
</tr>
<tr>
<td>Serviceability</td>
<td>Front / Rear</td>
<td>Front / Rear</td>
<td>Front / Rear</td>
</tr>
<tr>
<td>Curving (Concave &amp; Convex)</td>
<td>Concave 5° / 0° / Convex 5°</td>
<td>Concave 5° / 0° / Convex 5°</td>
<td>Concave 5° / 0° / Convex 5°</td>
</tr>
<tr>
<td>Max. Hanging (panels) *1</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Max. Stacking (panels) *2</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

**Power Consumption**

Max / Average

320W / 160W

1100 / 500

1500nits

500mm

19.7” x 39.4” x 3.1”

192 x 384

160 x 320

128 x 256

7680Hz

16bit

Magnesium Alloy

MVR / Brompton / Evision

-20°~45°C, 10~90%RH

-20°~45°C, 10~90%RH

-20°~45°C, 10~90%RH

CE, ETL, FCC, UKCA

ROE China    ROE US    ROE EU    ROE UK    ROE JP    ROE ME

roe@roevisual.com

**Notes:**

- The specifications are for reference, actual values may vary.
- The max. hanging amount is only valid when the ROE Visual hanging bar and complementary accessories are used, and the safety factor is 8. No climbing is allowed.
- The max. stacking amount is only valid when the ROE Visual stacking system and complementary accessories are used, and the safety factor is 8. No climbing is allowed.

**Dimensions**

**Graphite**

Durable Meets Lightweight

**www.roevisual.com**

**Dimensions**

Interchangeable modules.

Better design, more rigidity.

New customized PSU, higher integration and narrower.
Graphite is Your Lightweight, Fast-building Indoor LED Solution

Safe on Production Time
Building large LED walls fast is paramount, reducing valuable production time. Graphite accommodates fast-building with its large, lightweight panels, integrated magnet-assisted assembly, and smart-lock system. Using the quick smart-lock system, you can achieve a time saving of about 40% compared to standard LED panels.

The Freedom to Design
Graphite offers creative freedom through its flexible application options, whether in straight or curved designs. With Graphite, you can create LED displays at every position, like a wall, ceiling, or raked at any angle; even double-sided use is possible.

Multi-Creative Shapes
The Graphite series offers triangle, sector, and right-angle splicing panels for creative solutions, giving more space and freedom for the stage designer.

Easy Maintenance
Graphite offers easy, in-service maintenance. Both the PSU and the LED modules can be swapped while in use. The LED modules are interchangeable and can be replaced from the front as well as from the back of the LED panel.